

Name: _____
A2CC: Spiral Review Homework

Date: _____

1. Solve each of the following by completing the square:

(a) $-x^2 - 4x + 2 = 0$

(b) $2x^2 - x = 1$

2. Solve each of the following using the Quadratic formula:

(a) $2x^2 - 4x = 1$

(b) $x^2 + 12 = 6x$

(c) $4x^2 - x + 1 = 0$

(d) $3x^2 = 4x + 2$

3. Solve each of the following using the Quadratic formula. Answers should be rounded to the nearest hundredth.

(a) $x^2 + 5x = 2$

(b) $3x^2 = x + 3$

4. Solve each of the following:

(a) $\frac{4}{u^2} - 10 = \frac{3}{u}$

(b) $\frac{2x}{x+5} - \frac{1}{5-x} = \frac{10}{x^2-25}$